

## EAST Search History

| Ref # | Hits | Search Query                                                                                                                                  | DBs                                                   | Default Operator | Plurals | Time Stamp       |
|-------|------|-----------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------|------------------|---------|------------------|
| L12   | 102  | nozzle near10 angle near10 flange                                                                                                             | US-PGPUB;<br>USPAT                                    | OR               | ON      | 2006/03/12 19:16 |
| L13   | 0    | ("68"/\$.ccls. or "8"/\$.ccls. or "134"/\$.ccls.) and nozzle near10 spray near10 angle near10 flange                                          | US-PGPUB;<br>USPAT                                    | OR               | ON      | 2006/03/12 19:17 |
| L14   | 437  | ("68"/\$.ccls. or "8"/\$.ccls. or "134"/\$.ccls.) and nozzle near10 spray near10 angle                                                        | US-PGPUB;<br>USPAT                                    | OR               | ON      | 2006/03/12 19:18 |
| L15   | 41   | ("68"/\$.ccls. or "8"/\$.ccls. or "134"/\$.ccls.) and nozzle near10 spray near10 angle near10 ("90" or "100" or "35" or "40")                 | US-PGPUB;<br>USPAT                                    | OR               | ON      | 2006/03/12 19:19 |
| S1    | 1    | 68/5R,5A,12.15,207,237.ccls. and steam\$ near10 (nozzle or jet or spray) same (backflow)                                                      | US-PGPUB;<br>USPAT                                    | OR               | ON      | 2006/03/10 17:06 |
| S2    | 38   | 68/5R,5A,12.15,207,237.ccls. and steam\$ near10 (nozzle or jet or spray)                                                                      | US-PGPUB;<br>USPAT                                    | OR               | ON      | 2006/03/11 17:42 |
| S3    | 5835 | ("68"/\$.ccls. or "8"/\$.ccls.) and (nozzle or jet or spray)                                                                                  | US-PGPUB;<br>USPAT                                    | OR               | ON      | 2006/03/10 13:25 |
| S4    | 728  | ("68"/\$.ccls. or "8"/\$.ccls.) and (nozzle or jet or spray) near10 (divert\$3 or partition or separat\$3 or divid\$3 or section or backflow) | US-PGPUB;<br>USPAT                                    | OR               | ON      | 2006/03/10 13:26 |
| S5    | 300  | S4 and steam\$3                                                                                                                               | US-PGPUB;<br>USPAT                                    | OR               | ON      | 2006/03/10 13:26 |
| S6    | 681  | ("68"/\$.ccls. or "8"/\$.ccls.) and steam\$3 same (fluid or water or liquid) same (nozzle or jet or pipe or valve or spray)                   | US-PGPUB;<br>USPAT                                    | OR               | ON      | 2006/03/10 16:11 |
| S7    | 494  | (flap or plate or "one-way" or hinge or leaf) near10 valv\$3 same (steam\$3 near10 (water or fluid or liquid))                                | US-PGPUB;<br>USPAT                                    | OR               | ON      | 2006/03/10 17:07 |
| S8    | 18   | "4875886"                                                                                                                                     | US-PGPUB;<br>USPAT                                    | OR               | ON      | 2006/03/10 16:33 |
| S9    | 60   | (flap or plate or "one-way" or hinge or leaf) near10 valv\$3 same (steam\$3 near10 (water or fluid or liquid)) same (wash\$3 or clean\$3)     | US-PGPUB;<br>USPAT                                    | OR               | ON      | 2006/03/10 17:17 |
| S10   | 454  | (flap or plate or "one-way" or hinge or leaf) near10 valv\$3 same (steam\$3 near10 (water or fluid or liquid)) same (wash\$3 or clean\$3)     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2006/03/10 17:07 |

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|     |       |                                                                                                                                           |                                                       |    |    |                  |
|-----|-------|-------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------|----|----|------------------|
| S11 | 394   | (flap or plate or "one-way" or hinge or leaf) near10 valv\$3 same (steam\$3 near10 (water or fluid or liquid)) same (wash\$3 or clean\$3) | USOCR;<br>EPO; JPO;<br>DERWENT                        | OR | ON | 2006/03/10 17:22 |
| S12 | 822   | "137"/\$.ccls. and rotat\$3 near10 (flap or plate or cover) near10 valv\$3                                                                | USOCR;<br>EPO; JPO;<br>DERWENT                        | OR | ON | 2006/03/10 17:24 |
| S13 | 1872  | "137"/\$.ccls. and rotat\$3 near10 (flap or plate or cover) near10 valv\$3                                                                | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/03/10 17:31 |
| S14 | 6641  | rotat\$3 near10 (flap or plate or cover) near10 valv\$3                                                                                   | USOCR;<br>EPO; JPO;<br>DERWENT                        | OR | ON | 2006/03/10 17:24 |
| S15 | 2627  | S14 and (divid\$3 or separat\$3 or partition)                                                                                             | USOCR;<br>EPO; JPO;<br>DERWENT                        | OR | ON | 2006/03/10 17:26 |
| S16 | 924   | S14 and (divid\$3 or separat\$3 or partition) near10 (flap or plate or cover)                                                             | USOCR;<br>EPO; JPO;<br>DERWENT                        | OR | ON | 2006/03/10 17:26 |
| S17 | 45    | S14 and (divid\$3 or separat\$3 or partition) and (wash\$3 or clean\$3).ti.                                                               | USOCR;<br>EPO; JPO;<br>DERWENT                        | OR | ON | 2006/03/10 17:26 |
| S18 | 1538  | "137"/\$.ccls. and rotat\$3 near10 (flap or plate) near10 valv\$3                                                                         | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/03/10 17:32 |
| S19 | 1511  | "137"/\$.ccls. and rotat\$3 near10 (flap or plate) near10 valv\$3                                                                         | US-PGPUB;<br>USPAT;<br>USOCR                          | OR | ON | 2006/03/10 17:33 |
| S20 | 865   | "137"/\$.ccls. and rotat\$3 near10 (flap or plate) near10 valv\$3                                                                         | US-PGPUB;<br>USPAT                                    | OR | ON | 2006/03/10 17:33 |
| S21 | 16034 | steam\$3 near10 (nozzle or jet or spray) same ((liquid or water or fluid) near10 (nozzle or jet or spray))                                | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/03/11 17:44 |
| S22 | 1148  | S21 and (wash\$3 or clean\$3).ti.                                                                                                         | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/03/11 17:44 |

## EAST Search History

|     |       |                                                                                                                                                             |                                                       |    |    |                  |
|-----|-------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------|----|----|------------------|
| S23 | 14315 | steam\$3 near8 (nozzle or jet or spray) same ((liquid or water or fluid) near8 (nozzle or jet or spray))                                                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/03/11 18:33 |
| S24 | 1028  | S23 and (wash\$3 or clean\$3).ti.                                                                                                                           | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/03/11 18:35 |
| S25 | 367   | S24 and pump                                                                                                                                                | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/03/11 17:44 |
| S26 | 396   | S24 and pump\$3                                                                                                                                             | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/03/11 17:44 |
| S27 | 631   | steam\$3 near8 (nozzle or jet or spray) same ((liquid or water or fluid) near8 (nozzle or jet or spray) near10 (recirculat\$3 or circulat\$3 or recycl\$3)) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/03/11 18:34 |
| S28 | 34    | S27 and (wash\$3 or clean\$3).ti.                                                                                                                           | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/03/11 18:35 |